

<b>SOLICITATION, OFFER AND AWARD</b>		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING	PAGE OF PAGES 1 15
2. CONTRACT NO.  DACW01-00-D-0001	3. SOLICITATION NO.  DACW01-98-R-0077	4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	5. DATE ISSUED  11/17/98	6. REQUISITION/PURCHASE NO.  W31XNJ-8196-1936	
7. ISSUED BY U S ARMY ENGINEER DISTRICT MOBILE-CORPS OF ENGINEERS 109 ST. JOSEPH ST (PO BOX 2288) MOBILE AL 36628-0001		CODE DACA01	8. ADDRESS OFFER TO (If other than Item 7) CT-C-PR U S ARMY CORPS OF ENGINEERS (HAND CARRIED OFFERS - RM 6018) 109 ST JOSEPH ST / RM 601P MOBILE AL 36602		

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

### SOLICITATION

9. Sealed offers in original and 1 copies for furnishing the supplies or services in the Schedule will be received at the place specified in item 8, or if handcarried, in the depository located in SEE BLOCK 8 until 1400 local time 09/23/99 (Hour) (Date)

CAUTION - LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

<b>10. FOR INFORMATION CALL:</b>	A. NAME  M. CURTIS STRACENER	B. TELEPHONE NO. (NO COLLECT CALLS)  (334) 694-3859	C. E-MAIL ADDRESS
	CODE C02		

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### OFFER (Must be fully completed by offeror)

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within \_\_\_\_\_ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 52-232-8)	10 CALENDAR DAYS	20 CALENDAR DAYS	30 CALENDAR DAYS	CALENDAR DAYS
	%	AMENDS. 5 THU 18%	ACKNOWLEDGED	%
14. ACKNOWLEDGEMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated:	AMENDMENT NO.	DATE	AMENDMENT NO.	DATE
	01	11 17 98	03	2 9 99
	02	12 7 98	04	2 18 99

15A. NAME AND ADDRESS OF OFFEROR  Ceres Env. Services, Inc. 3825 85th Ave. N. Brooklyn Park, MN 55443	CODE 3825 85th Ave. N. Brooklyn Park, MN 55443	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)  DAM MCINTURE PRESIDENT	17. SIGNATURE 	18. OFFER DATE  22 SEP 99
15B. TELEPHONE NO. (Include area code) 612 425-8822	15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE. ENTER SUCH ADDRESS IN SCHEDULE. <input type="checkbox"/>				

### AWARD (To be completed by Government)

19. ACCEPTED AS TO ITEMS NUMBERED  Region 2D- Puerto Rico	20. AMOUNT  \$100,000.00	21. ACCOUNTING AND APPROPRIATION  FUNDS WILL BE DESIGNATED ON EACH TASK ORDER	
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:  <input type="checkbox"/> 10 U.S.C. 2304 (c) ( ) <input type="checkbox"/> 41 U.S.C. 253 (c) ( )		23. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified) TASK ORDER	
24. ADMINISTERED BY (If other than Item 7) CODE		25. PAYMENT WILL BE MADE BY CODE  IAW TASK ORDER DESIGNATION	
26. E OF CONTRACTING OFFICER (Type or Print)  TONI S. CARNEY		27. UNITED STATES OF AMERICA   (Signature of Contracting Officer)	
		28. AWARD DATE  99 Nov 16	

IMPORTANT - Award will be made on this Form, or on Standard Form 28, or by other authorized official written notice.

AUTHORIZED FOR LOCAL REPRODUCTION  
Previous edition is unusable

STANDARD FORM 33 (REV. 9-97)  
Prescribed by GSA - FAR (48 CFR) 53.214(c)

**SAD-2D BASE YEAR**  
**PART I – BIDDING SCHEDULE**  
**DEBRIS REMOVAL**

ITEM	DESCRIPTION	QTY. EST.	U/I	U/P	AMOUNT
001	Mobilize Equipment/Demobilize Equipment Travel to and from Site (200 miles est. each way for Items 001aa thru 001af).	---	---	---	0.00
001aa	Truck, Dump, 16-20 yd <sup>3</sup> capacity (Qty. Est. 1-60)	24000	Mile	0	0
001ab	Truck, Dump, 21-30 yd <sup>3</sup> capacity (Qty. Est. 1-60)	24000	Mile	0	0
001ac	Loader, Front-end, 4 yd <sup>3</sup> capacity (Qty. Est. 1-20)	8000	Mile	0	0
001ad	Knuckleboom, 10,000 Lb. Capacity (Qty. Est. 1-10)	8000	Mile	0	0
001ae	Loader, Front-end, 2 ½ yd. Capacity (Qty. Est. 1-5)	8000	Mile	0	0
001af	Truck, Pickup, .5 Ton (Qty. Est. 1-10)	4000	Mile	0	0
002	Truck, Dump, 16-20 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-60)	12,600	HRS	36	453,600
003	Truck, Dump, 21-30 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-60)	12,600	HRS	49	617,400
004	Loader, Front-end, 4 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-20)	4,200	HRS	80	336,000
005	Knuckleboom, 10,000 Lb. Capacity/Operator (Qty. Est. 1-10)	2,100	HRS	50	105,000
006	Laborer with Chainsaws, 16" min bar, traffic flags, and misc. small tools (axes, shovels, safety equip.) (Qty. Est. 1-40)	8400	HRS	15	126,000
007	Truck, Pickup, .5 Ton (Qty. Est. 1-10)	2,100	HRS	10	21,000
008	Crew foreman with cellular phone. (Qty. Est. 1-10)	2,100	HRS	40	<del>84,000</del> 84,000

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009	Loader, Front-end, 2 ½ yd. Capacity/Operator (Qty. Est. 1-5)	2,100	HRS	70	147.00
010	Crew Rate – day time * Established in Basic NOTE: "Typical crew"	1	HR	750	
011	Removal of Debris on Cu. Yard basis * (0-15 miles to and from, each way)	1	CY	14.50	14.50
012	Removal of Debris on Cu. Yards basis * (16-30 miles to and from, each way)	1	CY	15.00	15.00
013	Removal of Debris on Cu. Yards basis * (31-60 miles to and from, each way)	1	CY	15.50	15.50
014	Operations Manager for C1.7.0	2400	HRS	50	120.00
TOTAL					2,010.00

\* DO NOT INCLUDE IN TOTAL

**NOTE:** Above items 010 through 013 apply only to Phase I and are to be used for minimum basis of negotiations. These items will not be included in total cost. An estimated ten crews is suggested as a minimum to meet daily production rates, however offer shall include actual number of crew necessary to meet required daily production rate. A typical crew is composed of the following:

**6 Dump trucks 16-20 yd<sup>3</sup> capacity**

**6 Dump trucks 21-30 yd<sup>3</sup> capacity**

**2 Front End Loaders**

**1 Foreman**

**4 Laborers**

**NOTE:** For pricing, assume average distance to be 16-30 miles.

**The contractor shall meet a minimum production rate of 2500 cubic Yards Per day.**

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**SAD-2D 1<sup>st</sup> OPTION YEAR**  
**PART I – BIDDING SCHEDULE**  
**DEBRIS REMOVAL**

ITEM	DESCRIPTION	QTY. EST.	U/I	U/P	AMOUNT
001	Mobilize Equipment/Demobilize Equipment	---	---	---	0.00
	Travel to and from Site (200 miles est. each way, for items 001aa thru 001af).				
001aa	Truck, Dump, 16-20 yd <sup>3</sup> capacity. (Qty. Est. 1-60)	24000	Mile	0	0
001ab	Truck, Dump, 21-30 yd <sup>3</sup> capacity. (Qty. Est. 1-60)	24000	Mile	0	0
001ac	Loader, Front-end, 4 yd <sup>3</sup> capacity (Qty. Est. 1-20)	8000	Mile	0	0
001ad	Knuckleboom, 10,000 Lb. Capacity (Qty. Est. 1-10)	8000	Mile	0	0
001ae	Loader, Front-end, 2/12 yd. Capacity (Qty. Est. 1-5)	8000	Mile	0	0
001af	Truck, Pickup, .5 Ton (Qty. Est. 1-10)	4000	Mile	0	0
002	Truck, Dump, 16-20 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-60)	12,600	HRS	36	453,600
003	Truck, Dump, 21-30 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-60)	12,600	HRS	49	617,400
004	Loader, Front-end, 4 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-20)	4,200	HRS	80	336,000
005	Knuckleboom, 10,000 Lb. Capacity/Operator (Qty. Est. 1-10)	2,100	HRS	50	105,000
006	Laborer with Chainsaws, 16" min bar, traffic flags, and misc. small tools (axes, shovels, safety equip.) (Qty. Est. 1-40)	8,400	HRS	15	126,000
007	Truck, Pickup, .5 Ton (Qty. Est. 1-10)	2,100	HRS	10	21,000
008	Crew foreman with cellular phone. (Qty. Est. 1-10)	2,100	HRS	40	<del>84,000</del> 84,000

009	Loader, Front-end, 2 ½ yd. Capacity/Operator (Qty. Est 1-5)	2,100	HRS	70	147,000
010	Crew Rate – day time *	1	HR	750	
011	Removal of Debris on Cu. Yards basis * (0-15 miles to and from , each way)	1	CY	14.50	14.50
012	Removal of Debris on Cu. Yards basis * (16-30 miles to and from, each way)	1	CY	15.00	15.00
013	Removal of Debris on Cu. Yards basis * (31-60 miles to and from, each way)	1	CY	15.50	15.50
014	Operations Manager for C1.7.0 (Qty 1)		1YR.	50.00	
TOTAL					1,890,000

\* DO NOT INCLUDE IN TOTAL

**SAD-2D 2<sup>ND</sup> OPTION YEAR**  
**PART I – BIDDING SCHEDULE**  
**DEBRIS REMOVAL**

ITEM	DESCRIPTION	QTY. EST.	U/I	U/P	AMOUNT
001	Mobilize Equipment/Demobilize Equipment	---	---	---	0.00
	Travel to and from Site (200 miles est. each way, for items 001aa thru 001af).				
001aa	Truck, Dump, 16-20 yd <sup>3</sup> capacity (Qty. Est. 1-60)	24000	Mile	C	O
001ab	Truck, Dump, 21-30 yd <sup>3</sup> capacity (Qty. Est. 1-60)	24000	Mile	O	O
001ac	Loader, Front-end, 4 yd <sup>3</sup> capacity (Qty. Est. 1-20)	8000	Mile	O	O
001ad	Knuckleboom, 10,000Lb. Capacity (Qty Est. 1-10)	8000	Mile	O	O
001ae	Loader, Front-end, 2 ½ yd. Capacity (Qty. Est. 1-5)	8000	Mile	O	O
001af	Truck, Pickup, .5 Ton (Qty. Est. 1-10)	4000	Mile	O	O
002	Truck, Dump, 16-20 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-60)	12,600	HRS	36	453,600
003	Truck, Dump, 21-30 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-60)	12,600	HRS	49	617,400
004	Loader, Front-end, 4 yd <sup>3</sup> capacity/Operator (Qty. Est. 1-20)	4,200	HRS	80	336,000
005	Knuckleboom, 10,000Lb capacity/ Operator (Qty. Est. 1-10)	2,100	HRS	50	105,000
006	Laborer with Chainsaws, 16" min bar, traffic flags, and misc. small tools (axes, shovels, safety equip.) (Qty. Est. 1-40)	8,400	HRS	15	126,000
007	Truck, Pickup, .5 Ton (Qty. Est. 1-10)	2,100	HRS	<del>10</del> 10	21,000

008	Crew foreman with cellular phone. (Qty. Est. 1-10)	2,100	HRS	40	84,000 <sup>84,000</sup> <del>84,000</del> <i>8</i>
009	Loader, Front-end, 2 ½ yd. Capacity/Operator (Qty Est. 1-5)	2100	HRS	70	147,000
010	Crew Rate – day time Established in Basic NOTE: "Typical crew"	1	HR	750	
011	Removal of Debris on Cu. Yard basis (0-15 miles to and from, each way)	1	CY	14.50	14.50
012	Removal of Debris on Cu. Yard basis (16-30 miles to and from, each way)	1	CY	15.00	15.00
013	Removal of Debris on Cu. Yard basis (31-60 miles to and from, each way)	1	CY	15.50	15.50
014	Operations Manager for C1.7.0 (Qty. 1)		<i>14.2</i>	50	
TOTAL					1,890,000

**SAD-2D BASE YEAR**  
**PART II – BIDDING SCHEDULE**  
**SITE MANAGEMENT/DEBRIS REDUCTION**

ITEM	DESCRIPTION	EST. QTY.	U/I	U/P	AMOUNT
001	Mobilize Equipment/Demobilize Equipment	---	---	---	0.00
	Travel to and from Site (200 miles est. each way, Items 001aa thru 001ak.).				
001aa	Air Curtain Burner (Qty. Est. 1-3)	1200	Mile	0	0
001ab	Backhoe, with loader, 1.5 yd <sup>3</sup> capacity, with thumb attachment (Qty. Est. 1-3)	1200	Mile	0	0
001ac	Dozer, tracked 2-3 yd <sup>3</sup> Blade capacity (Qty. Est. 1-3)	1200	Mile	0	0
001ad	Dozer, tracked with root rake blade, D-7 or equivalent (Qty. Est. 1-3)	1200	Mile	0	0
001ae	Water Truck – min. 3000 gals. (Qty. Est. 1-3)	1200	Mile	0	0
001af	Lowbed trailer with tractor (Qty. Est. 1-3)	1200	Mile	0	0
001ag	Grader, Motor, 12 foot blade, 130-140 net Hp (Qty. Est. 1-3)	1200	Mile	0	0
001ah	Chipper, width 12 inch minimum (Qty. Est. 1-3)	1200	Mile	0	0
001aj	Tub Grinder 800-1000H.p. (Qty. Est. 1-3)	1200	Mile	0	0
001ak	Tub Grinder, 300-400 H.p. 8'Dia. (Qty. Est. 1-3)	1200	Mile	0	0
002	Air Curtain Burner, self-contained system including power plant, hydraulic drive system blower fan with a minimum 15,500 cfm centrifugal fan, air output approx. 165 MPH at fan. 35 foot length. Must meet or exceed air quality standards applicable to the US-EPA regulations. (Qty. Est. 1-3)	1200	HRS	55	66.00

003	Backhoe, with loader, 1.5yd <sup>3</sup> capacity, with Thumb attachment./Operator, Model 580 or equivalent (Qty. Est. 1-3)	1200	HRS	40	48,000
004	Dozer, tracked 2-3 yd <sup>3</sup> Blade capacity/Operator (Qty. Est. 1-3)	900	HRS	50	45,000
005	Dozer, tracked with root rake blade/Operator (Qty. Est. 1-3)	1200	HRS	105	126,000
006	Water Truck/Operator (Qty. Est. 1-3)	180	HRS	30	54,000
007	Lowbed trailer with tractor/Operator (Qty. Est. 1-3)	120	HRS	40	48,000
008	Inspection Tower, treated wood. (Qty. Est. 1-3)	1	EA	2500	2500
009	Construction of Hazard and Toxic Waste Containment Area. (Qty. Est. 1-3)	1	EA	2000	2000
010	Nighttime Site Operation Generator and Lighting (Qty. Est. 1-3)	900	HRS	15	135,000
011	Site Management Foreman (Qty. Est. 1-3)	1080	HRS	45	48,600
012	Site Management Night Foreman (Qty. Est. 1-3)	1080	HRS	35	37,800
013	Laborer with misc. Small hand tools, hand saw, hammer, shovel (See B-9, 5 laborers) (Qty. Est. 1-15)	16200	HRS	13	210,600
014	Grader, Motor, 12 foot blade, 130-140 net Hp/Operator (Qty. Est. 1-3)	180	HRS	40	7200
015	Chipper 12 inch min./Operator (Qty. Est. 1-3)	200	HRS	30	6000
016	Tub Grinder/Operator, 300-400 H.p. (Qty. Est. 1-3)	300	HRS	150	45,000
017	Tub Grinder/Operator, 800-1000 H.p. (Qty. Est. 1-3)	200	HRS	500	100,000
TOTAL					2,778,400

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## PART II BIDDING SCHEDULE

018	Removal of Debris on Cu. Yards from Reduction site (0-15 miles each way)	PER	CY	8.70	
019	Removal of Debris on Cu. Yards from Reduction site (16-30 miles each way)	PER	CY	11.00	
020	Removal of Debris on Cu. Yards From Reduction site (31-60 miles each way)	PER	CY	14.00	
TOTAL					

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B-8A

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**Note: As a minimum, Phase II shall be consistent to keep up with the daily production rate stated in Phase I is estimated at three crews and with a minimum typical crew composed of the following:**

**Site Management Foreman**

**Night Site Management Foreman**

**Five Laborers with small hand tools(3 for daytime, 2 for nighttime)**

**Night Operation Lights and Generator**

**Inspection Tower**

**HTW area**

**Air Curtain Incinerator**

**Backhoe with thumb/operator**

**Dozer with Rootrake/operator**

**Dozer with Blade/operator**

**Roadgrader/Operator**

**Watertruck**

**One Grinder/Operator**

**Lowbed Trailer/ Tractor**

**SAD-2D 1<sup>st</sup> OPTION YEAR**  
**PART II – BIDDING SCHEDULE**  
**SITE MANAGEMENT/DEBRIS REDUCTION**

ITEM	DESCRIPTION	EST. QTY.	U/I	U/P	AMOUNT
001	Mobilize Equipment/Demobilize Equipment	---	---	---	0.00
	Travel to and from Site (200 miles est. each way, for Items 001aa thru 001ak).				
001aa	Air Curtain Burner (Qty. Est. 1-3)	1200	Mile	0	0
001ab	Backhoe, with loader, 1.5 yd <sup>3</sup> capacity, with thumb attachment (Qty. Est. 1-3)	1200	Mile	0	0
001ac	Dozer, tracked 2-3 yd <sup>3</sup> Blade capacity (Qty. Est. 1-3)	1200	Mile	0	0
001ad	Dozer, tracked with root rake blade (Qty. Est. 1-3)	1200	Mile	0	0
001ae	Water Truck (Qty. Est. 1-3)	1200	Mile	0	0
001af	Lowbed trailer with tractor (Qty. Est. 1-3)	1200	Mile	0	0
001ag	Grader, Motor, 12 foot blade, 130-140 net Hp (Qty. Est. 1-3)	1200	Mile	0	0
001ah	Chipper 12 inch minimum (Qty. Est. 1-3)	1200	Mile	0	0
001aj	Tub Grinder 800-1000 H.p. (Qty. Est. 1-3)	1200	Mile	0	0
001ak	Tub Grinder-300-400 H.p. 8' Dia.  (Qty. Est. 1-3)	1200	Mile	0	0
002	Air Curtain Burner, self-contained system including power plant, hydraulic drive system blower fan with a minimum 15,500 cfm centrifugal fan, air output approx. 165 MPH at fan. 35 foot length. Must meet or exceed air quality standards applicable to the US-EPA regulations.  (Qty. Est. 1-3)	1200	HRS	55	86000

003	Backhoe, with loader, 1.5 yd <sup>3</sup> capacity, with thumb attachment/Operator (Qty. Est. 1-3)	1200	HRS	40	<del>4800</del> 48,000	JP
004	Dozer, tracked 2-3 yd <sup>3</sup> Blade capacity/Operator (Qty. Est. 1-3)	900	HRS	50	45000	
005	Dozer, tracked with root rake blade/Operator (Qty. Est. 1-3)	1200	HRS	105	126,000	
006	Water Truck/Operator (Qty. Est. 1-3)	180	HRS	30	5400	
007	Lowbed trailer with tractor/Operator (Qty. Est. 1-3)	120	HRS	40	4800	
008	Inspection Tower, treated wood. (Qty. Est. 1-3)	1	EA	2500	2500	
009	Construction of Hazard and Toxic Waste Containment Area. (Qty. Est. 1-3)	1	EA	2000	2000	
010	Nighttime Site Operation Generator and Lighting (Qty. Est. 1-3)	900	HRS	15	13,500	
011	Site Management Foreman (Qty. Est. 1-3)	1080	HRS	45	48,600	
012	Site Management Night Foreman (Qty. Est. 1-3)	1080	HRS	35	37,800	
013	Laborer with misc. Small hand tools, hand saw, hammer, shovel (See B-9, 5 laborers) (Qty. Est. 1-15)	16200	HRS	13	210,600	
014	Grader, Motor, 12 foot blade, 130-140 net H.p./Operator (Qty. Est. 1-3)	180	HRS	40	7200	
015	Chipper 12 inch min./Operator (Qty. Est. 1-3)	200	HRS	30	6000	
016	Tub Grinder/Operator 300-400 H.p. (Qty. Est. 1-3)	300	HRS	150	45,000	
017	Tub grinder/Operator 800-1000 H.p. (Qty Est. 1-3)	200	HRS	500	100,000	
TOTAL					2,658,400	

## PART II BIDDING SCHEDULE

018	Removal of Debris on Cu. Yards from Reduction site (0-15 miles each way)	PER	CY	8.70	
019	Removal of Debris on Cu. Yards from Reduction site (16-30 miles each way)	PER	CY	11.00	
020	Removal of Debris on Cu. Yards From Reduction site (31-60 miles each way)	PER	CY	14.00	
		TOTAL			

**SAD-2D 2<sup>ND</sup> OPTION YEAR**  
**PART II – BIDDING SCHEDULE**  
**SITE MANAGEMENT/DEBRIS REDUCTION**

ITEM	DESCRIPTION	EST. QTY.	U/I	U/P	AMOUNT
001	Mobilize Equipment/Demobilize Equipment	---	---	-----	0.00
	Travel to and from Site (200 miles est. each way, Items 001aa thru 001ak)				
001aa	Air Curtain Burner (Qty. Est. 1-3)	1200	Mile	0	0
001ab	Backhoe, with loader, 1.5 yd <sup>3</sup> capacity, with thumb attachment (Qty. Est. 1-3)	1200	Mile	0	0
001ac	Dozer, tracked 2-3 yd <sup>3</sup> Blade capacity (Qty. Est. 1-3)	1200	Mile	0	0
001ad	Dozer, tracked with root rake blade (Qty. Est. 1-3)	1200	Mile	0	0
001ae	Water Truck (Qty. Est. 1-3)	1200	Mile	0	0
001af	Lowbed trailer with tractor (Qty. Est. 1-3)	1200	Mile	0	0
001ag	Grader, Motor, 12 foot blade, 130-140 net Hp (Qty. Est. 1-3)	1200	Mile	0	0
001ah	Chipper 12 inch minimum (Qty. Est. 1-3)	1200	Mile	0	0
001aj	Tub Grinder 800-1000 H.p. (Qty. Est. 1-3)	1200	Mile	0	0
001ak	Tub Grinder- 300-400 H.p. (Qty. Est. 1-3)	1200	Mile	0	0
002	Air Curtain Burner, self-contained system including power plant, hydraulic drive system blower fan with a minimum 15,500 cfm centrifugal fan, air output approx. 165 MPH at fan. 35 foot length. Must meet or exceed air quality standards applicable to the US-EPA regulations.  (Qty. Est. 1-3)	1200	HRS	55	6800

003	Backhoe, with loader, 1.5 yd <sup>3</sup> capacity, with thumb attachment/Operator (Qty. Est. 1-3)	1200	HRS	40	48,000
004	Dozer, tracked 2-3 yd <sup>3</sup> Blade capacity/Operator (Qty. Est. 1-3)	900	HRS	50	45,000
005	Dozer, tracked with root rake blade/Operator (Qty. Est. 1-3)	1200	HRS	105	126,000
006	Water Truck/Operator (Qty. Est. 1-3)	180	HRS	30	5400
007	Lowbed trailer with tractor/Operator (Qty. Est. 1-3)	120	HRS	40	4800
008	Inspection Tower, treated wood. (Qty. Est. 1-3)	1	EA	2500	2500
009	Construction of Hazard and Toxic Waste Containment Area. (Qty. Est. 1-3)	1	EA	2000	2000
010	Nighttime Site Operation Generator and Lighting (Qty. Est. 1-3)	900	HRS	15	13,500
011	Site Management Foreman (Qty. Est. 1-3)	1080	HRS	45	48600
012	Site Management Night Foreman (Qty. Est. 1-3)	1080	HRS	35	37,800
013	Laborer with misc. Small hand tools, hand saw, hammer, shovel (See B-9, 5 laborers) (Qty. Est. 1-15)	16200	HRS	13	210,600
014	Grader, Motor, 12 foot blade, 130-140 net Hp/Operator (Qty. Est. 1-3)	180	HRS	40	7200
015	Chipper 12 inch min./Operator (Qty. Est. 1-3)	200	HRS	30	6000
016	Tub Grinder/Operator 300-400H.p. (Qty. Est. 1-3)	300	HRS	150	45,000
017	Tub Grinder/Operator 800-1000 H.p. (Qty. Est. 1-3)	200	HRS	500	100,000
<b>TOTAL</b>					2,658,400

## PART II BIDDING SCHEDULE

018	Removal of Debris on Cu. Yards from Reduction site (0-15 miles each way)	PER	CY	8.70	
019	Removal of Debris on Cu. Yards from Reduction site (16-30 miles each way)	PER	CY	11.5	
020	Removal of Debris on Cu. Yards From Reduction site (31-60 miles each way)	PER	CY	14.5	
<b>TOTAL</b>					